PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.:

Unknown

Filing Date:

Herewith

Applicant:

Brauer, et. al.

Group Art Unit:

Unknown

Examiner:

Unknown

Title:

Moving Map Information Index

Attorney Docket:

7784-000646

Director of the United States Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. §§ 1.56, 1.97 and 1.98, Applicant hereby submits an Information Disclosure Statement for consideration by the Examiner.

I. LIST OF PATENTS, PUBLICATIONS, AND OTHER INFORMATION

The patents, publications and other information requested to be considered by the Office (except unpublished U.S. patent applications) are listed on Form 1449 attached hereto.

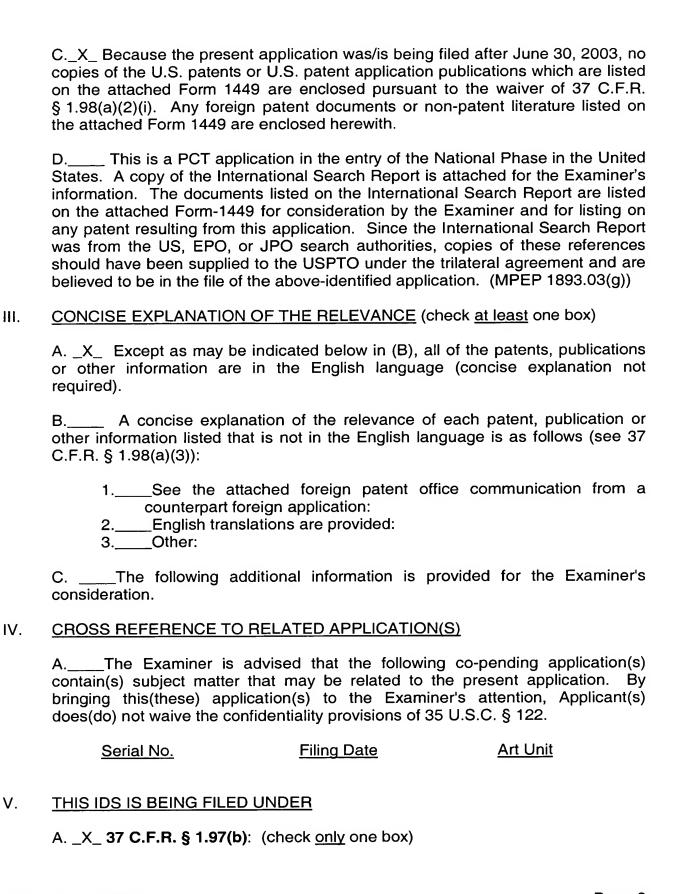
II. <u>COPIES</u>

A S	Submitted herewith is a legible copy of (i) each U.S. patent application
publication	n and U.S. and foreign patent; (ii) each publication or that portion which
caused it	to be listed; (iii) for each cited pending U.S. application, the application
specificati	on including the claims, and any drawing of the application which
caused it	to be listed including the claims directed to that portion; and (iv) al
other info	rmation or that portion which caused it to be listed.

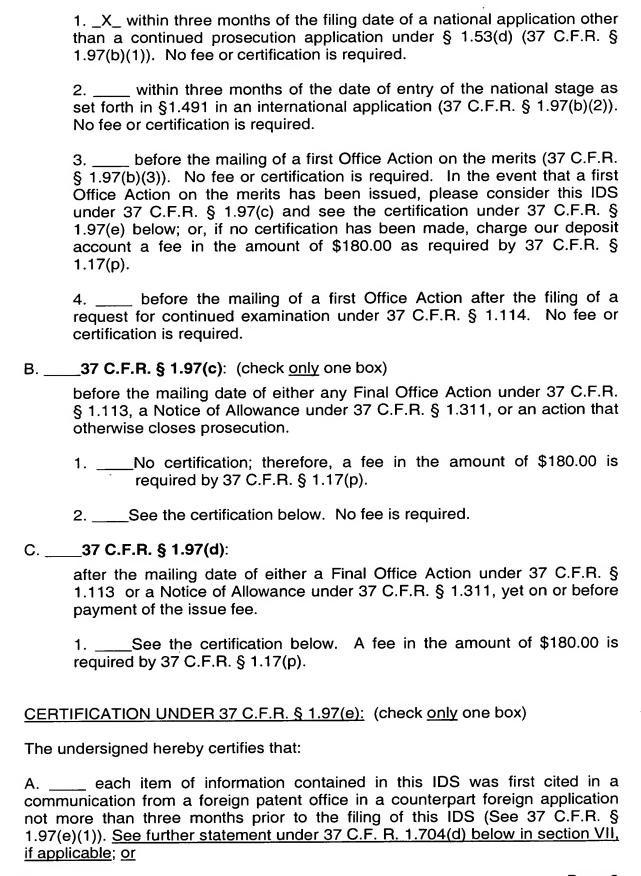
B. ____ Any patents, publications or other information which are listed on Form 1449 or on the copies of PTO-892, but which are not enclosed herewith, were previously cited by or submitted to the PTO in one of the following applications which has been relied upon for an earlier filing date under 35 U.S.C. § 120:

U.S. Serial Number

U.S. Filing Date

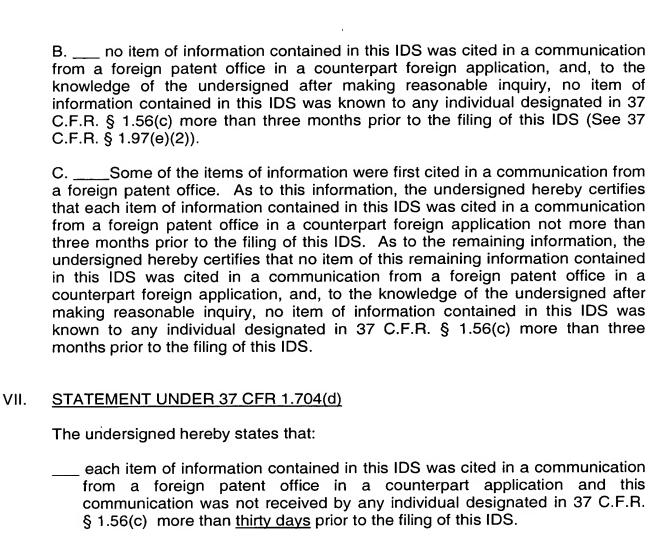


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VI.



VIII. PAYMENT OF FEES (check only one box)

A. ____ A check in the amount of \$180.00 is enclosed for the above-identified fee.

B. ____Please charge Deposit Account No. 08-0750 in the amount of \$180.00 for the above-indicated fee. A duplicate copy of this paper is attached.

The above references are being cited only in the interest of candor and without any admission that they constitute statutory prior art, contain matter which anticipates the invention, or which would render the same obvious, either singly or in combination, to a person of ordinary skill in the art. Furthermore, this Information Disclosure Statement shall not be construed as a representation that a search has been made.

If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule (with a petition if necessary) and charge the appropriate fee to Deposit Account No. 08-0750.

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Please charge any additional fees or credit any overpayment pursuant to 37 C.F.R. § 1.16 or § 1.17 to Deposit Account No. 08-0750.

Respectfully submitted,

Dated: Dec. 8 2003

Mark D. Elchuk, Reg. No. 33,686

HARNESS, DICKEY & PIERCE, P.L.C. P.O. Box 828
Bloomfield Hills, Michigan 48303 (248) 641-1600

FORM HDP-1449 (Based on Form PTO-1449)

PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Sheet 1 of 1

ATTORNEY DOCKET No.	SERIAL NO.	
7784-000646	Unknown	
APPLICANT		
Brauer, et. al.		
FILING DATE	GROUP	
Herewith	Unknown	

U.S. PATENT DOCUMENTS						
Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
1.		US 4,975,696	12/04/1990	Salter, Jr., et al.	340/973	
2.		US 5,208,590	05/04/1993	Pitts	340/973	

FOREIGN PATENT DOCUMENTS							
Ref. Desig.	Examiner's Initials	Document . Number	Date	Country	Class/ Subclass	Translatio Yes	n No
1.							

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)				
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1.				

Examiner:	Date Considered:	